

# PATENTS ABSTRACTS OF JAPAN

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## (54) CAR AUDIO DEVICE

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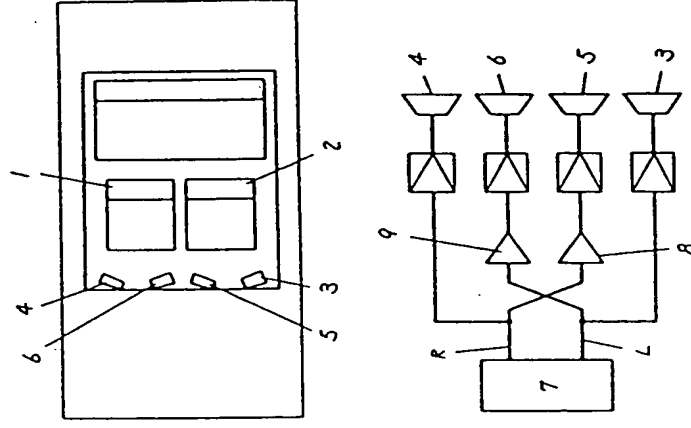
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**PURPOSE:** To prevent stereoscopic feeling from being damaged by arranging a pair of main speaker on right and left sides in a forward part in a vehicle and arranging plural center speakers near the center of a pair of the main speakers with being respectively directed to a driver seat and an assistant seat.

**CONSTITUTION:** In a driver seat 1, since distances from the driver seat 1 to both right and left channels speakers 4 and 3 are widely different, a sound image is made normal in a position biased to the right speaker 4. However, the lowering of a level in a left channel signal reproducing tone is compensated by reproducing a left channel signal by a center speaker 6 for driver seat. Thus, the sound image biased to a right side can be made normal to the front. Next, in the assistant seat 2, oppositely to the operation as mentioned above, the lowering of the level in a right channel signal 1 reproducing tone is compensated by reproducing a right channel signal by a center speaker 5 for assistant seat. Thus, the sound image biased to the left side can be made normal to the front.



## LEGÉNDÉ zu den Bibliographiedaten

(54) Titel der Patentanmeldung

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